



PRODUCT COMPONENT TEMPLATE

DEFINITION

<i>Name</i>	CICS (Customer Information Control System) from IBM
<i>Description</i>	CICS is a transaction processing system which can process transactions from hundreds of users at the same time as they run a variety of application programs. CICS loads these programs, coordinates their execution, manages the data transmissions between programs and terminals, controls the access to data, and maintains the integrity of that data.
<i>Rationale</i>	State agencies need a processing system which can process transactions from hundreds of users at the same time as they run a variety of application programs.
<i>Benefits</i>	<ul style="list-style-type: none">• Ensures transaction integrity for transactions that involve databases• Provides the ability to connect to other CICS regions and systems.• Provides online application services to thousands of clients simultaneously

ASSOCIATED ARCHITECTURE LEVELS

<i>Specify the Domain Name</i>	Interoperability
<i>Specify the Discipline Name</i>	Application Interoperability
<i>Specify the name of the associated Technology Area</i>	Transaction Based Middleware

KEYWORDS

<i>List Keywords</i>	CICS, TP monitor
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VENDOR INFORMATION

<i>Vendor Name</i>	IBM	<i>Website</i>	http://www-306.ibm.com/software/hcp/cics/
<i>Contact Information</i>			

POTENTIAL COMPLIANCE SOURCES

<i>Name</i>		<i>Website</i>	
<i>Contact Information</i>			
<i>Name</i>		<i>Website</i>	
<i>Contact Information</i>			

COMPONENT REVIEW

<i>List Desirable aspects</i>	<ul style="list-style-type: none"> Meets the requirements outlined in Transaction Based Middleware Guidelines Compliance Component. Specifically, Transaction Integrity, Two-Phase Commit, Failure Recovery, Load Balancing. CICS provides a variety of intercommunication features that let two or more systems work together. That means a program running on one system can access resources owned by CICS on another system (provided the two systems are properly connected). Multi-Region Operation (MRO) lets two or more CICS systems with in the same host processor communicate with each other. In contrast, Intersystem Communication (ISC) is designed to let systems on separate processors communicate with each other. With ISC, only the system that receives the request for CICS needs to be a CICS system. The system that issues the request can be a non-CICS system. (For this to work the appropriate CICS software must be installed on the non-CICS system.) Provides a variety of user interfaces including 3270 emulation and web applications running in a browser and accessing CICS programs and services through an internet protocol like HTTP. In addition to z/OS, CICS can run on a variety of platforms.
<i>List Undesirable aspects</i>	
<i>Operating System</i>	z/OS
	Platform Mainframe

ASSOCIATED COMPLIANCE COMPONENTS

Product

<i>List the Product-specific Compliance Component Names</i>	
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Configuration Links

<i>List the Configuration-specific Compliance Component Names</i>	
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COMPONENT CLASSIFICATION

<i>Provide the Classification</i>	<input type="checkbox"/> <i>Emerging</i> <input checked="" type="checkbox"/> <i>Current</i> <input type="checkbox"/> <i>Twilight</i> <input type="checkbox"/> <i>Sunset</i>
<i>Sunset Date</i>	

COMPONENT SUB-CLASSIFICATION

Sub-Classification	Date	Additional Sub-Classification Information
<input type="checkbox"/> <i>Technology Watch</i>		
<input type="checkbox"/> <i>Variance</i>		
<input type="checkbox"/> <i>Conditional Use</i>		

RATIONALE FOR COMPONENT CLASSIFICATION

<i>Document the Rationale for Component Classification</i>	
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MIGRATION STRATEGY

<i>Document the Migration Strategy</i>	
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IMPACT POSITION STATEMENT

<i>Document the Position Statement on Impact</i>	
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AGENCIES

<i>List the Agencies Currently Utilizing this Product</i>	DSS, MSHP, DMH, DOLIR, DOR, DESE, DHSS, and SDC
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CURRENT STATUS

<i>Provide the Current Status</i>	<input type="checkbox"/> <i>In Development</i> <input type="checkbox"/> <i>Under Review</i> <input checked="" type="checkbox"/> <i>Approved</i> <input type="checkbox"/> <i>Rejected</i>
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AUDIT TRAIL

<i>Creation Date</i>	12-15-04	<i>Date Approved / Rejected</i>	1-11-05
<i>Reason for Rejection</i>			
<i>Last Date Reviewed</i>		<i>Last Date Updated</i>	
<i>Reason for Update</i>			